Patent Claims

1. Method of changing the mounting condition of a printing master (14) on a printing master cylinder (10) including a first receiving element for the leading edge and a second receiving element for the trailing edge of the printing master (14), wherein the printing master cylinder (10) is rotated at a first speed and the first receiving element is actuated in at least one first phase position and the second receiving element is actuated in at least one second phase position, wherein the printing master cylinder (10) is rotated at a second speed, which differs from the first speed, at least between a third phase position (62, 70) and a fourth phase position (64, 72),
characterized in
that, for mounting a printing master (14), the speed is reduced after the printing master (14) has been engaged with the printing master cylinder (10) and the speed is increased after the first receiving element for the leading edge has been closed, and/or that, for dismounting a printing master (14), the speed is reduced to a first value after holding elements (24) have been engaged with the printing master (14) and the speed is increased after the second receiving element has been opened.

2. Method according to claim 1,
characterized in
that further phase positions (66, 68) are provided, between which the printing master cylinder (10) is rotated at further different speeds.

3. Method according to claim 1 or 2,
characterized in
that the change of the mounting condition consists of mounting or dismounting a printing master (14).

4. Method according to claim 3,
characterized in
that the printing master (14) is fed to a printing master changing device (22) as it is dismounted or that the printing master (14) is taken from a printing master

changing device (22) as it is mounted.

5. Method according to one of the preceding claims,
characterized in
that when a printing master (14) is mounted, the speed is reduced after a holding element (24) of the printing master (14) has been disengaged and before the trailing edge is inserted into the second receiving element.

6. Method according to one of the preceding claims,
characterized in
that when a printing master (14) is dismounted, the speed is reduced to a second value after a part of the printing master (14) has been removed from the printing master cylinder (10) and the speed is increased after the first receiving element has been opened.

7. Method according to claim 6,
characterized in
that the speed is increased essentially to the value it had before it was reduced.

8. Method of changing printing masters (14) on a printing master cylinder (10) with a first printing master (14) being dismounted from the printing master cylinder (10) and a second printing master (14) being mounted to the printing master cylinder (10),
characterized in
that the dismounting of the first printing master (14) and/or the mounting of the second printing master (14) is carried out in accordance with a method as set forth in one of the preceding claims.

9. Printing unit (16) having at least one printing master cylinder (10) and a control unit that includes a processing unit and a memory,
characterized in
that the memory contains a printing unit (16) control program including at least one part that, as it is carried out by the processing unit of the control unit, controls a method of changing the mounting condition of a printing master (14)

on the printing master cylinder (10) in accordance with one of the preceding claims 1 to 7 or a method of changing printing masters (14) on the printing master cylinder (10) in accordance with claim 8.

10. Printing press (18),
characterized by
at least one printing unit (16) in accordance with claim 9.